

RECORD OF PERFORMANCE QUALIFICATIONS
DC

INSTRUCTIONS

Record of Performance Qualifications shall be completed for enlisted personnel of the Coast Guard as outlined in the Enlisted Performance Qualifications Manual, COMDTINST M1414.8 (series). As proficiency in each performance qualification is demonstrated by actually performing the task listed, the DATE and INITIALS column shall be completed. Personnel are required to demonstrate proficiency in all new performance qualifications assigned to their rating. Performance qualifications previously demonstrated, dated and initialed off will not be recertified. Some performance qualifications include intent statements to help clarify the requirements of the task that is to be performed.

Note: The reference material cited in qualifications noted with an asterisk (*) has been duplicated in the correspondence courses. You are not required to purchase the references cited in the qualifications marked with an asterisk. The required information for those particular qualifications can be found in the correspondence courses. All other reference material should be available at your unit, or from government sources. Always obey local codes and laws, follow manufacturers' operating instructions, and observe safety precautions.

DAMAGE CONTROLMAN (Effective for the MAY 2003 Active Duty and Oct 2003 Reserve SWE)

ABBREVIATION
DC

DATE COMPLETED ALL PERFORMANCE QUALIFICATIONS FOR RATE LEVEL

E-4

E-5

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NAME (Last, First, Middle Initial)

SOCIAL SECURITY NUMBER

SIGNATURE OF SUPERVISOR

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REMARKS

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<p>A. ADMINISTRATION</p> <p>5.01 Schedule Preventive Maintenance IAW Damage Control PMS Manual, TP2006 (series); Manufacturers' Technical Publications; CMPlus user manual, Vol 2; Unit-specific equipment maintenance requirements.</p> <p>Intent: The member must ensure that scheduled maintenance does not interfere with other departments or conflict with unit missions. Member must make sure all resources (special tools, personnel, and equipment) are available to perform scheduled maintenance and safety precautions (lock out/tag out) are considered in scheduling. Member must demonstrate the ability to schedule maintenance for a minimum of one quarter.</p> <p>5.02 Prepare a written estimate for a minor shop project IAW and MLCLANT/PAC SOP.</p> <p>Intent: Member must estimate the resources (people & material) required to complete a minor project which includes but are not limited to small renovations and/or carpentry, welding, or plumbing projects under \$3,000.</p> <p>6.01 Manage a Preventive Maintenance program IAW Naval Engineering Manual, COMDTINST M9000.6 (series), Chapter 081; Damage Control PMS Manual, TP2006 (series); Manufacturer's Technical Instructions; CMPlus user manual, Vol II; and Unit-specific equipment maintenance requirements.</p> <p>Intent: Member must manage organizational level maintenance for a minimum of one quarter; ensuring resources (time, material, training, and special tools) are made available. Member must submit required reports as prescribed in the references.</p> <p>6.02 Perform the duties of a Contracting Officer's Technical Representative (COTR) IAW MLCA SOP/MLCP instruction, and MLC standard specifications.</p> <p>Intent: Member must utilize contract specifications to inspect the quality of contractor workmanship, verify adherence to the specifications as required in the contract, and document status/progress of work. Member need not be designated as a COTR to perform the intent of this performance.</p>		
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<p>7.01 Submit a written estimate for a major work project IAW MLCLANT/PAC SOP.</p> <p>Intent: Member must estimate the materials, resources, and interferences required to complete a major work project. A major work project is defined as a project with an estimated cost exceeding \$3,000. Member shall use the estimate as a basis for completing and submitting an SSMR or CSMP.</p> <p>7.02 Review specifications for planned contractor work IAW MLCA SOP/MLCP instruction and MLC standard specifications.</p> <p>Intent: Member shall review Specifications for any technical shortcomings. Review will include matching CSMP's to the statement of work and ensuring all interferences are identified within the specifications. If changes are needed, member shall submit change recommendations to the appropriate authority. Member shall validate specs by utilizing the CSMP/ECR file and MLC standard specifications.</p> <p>B. CARPENTRY</p> <p>*4.01 Repair drywall IAW Reader's Digest <i>New Complete Do-It-Yourself Manual</i>, and Carpentry and Building Construction.</p> <p>Intent: Given the following types of drywall defects and damages, the member shall perform repairs using the appropriate drywall tools and PPE.</p> <ul style="list-style-type: none"> • Popped nails • Dented or scratched surface • Holes • Water damage <p>Finished repairs shall be smooth and ready for covering (paint, wallpaper) and have an acceptable appearance. Member shall take the necessary precautions to minimize the spread of drywall and joint compound dust in the area of the repairs.</p> <p>4.02 Perform preventative maintenance on stationary power tools IAW Manufacturer's Technical Instructions, unit PMS, and 29 CFR 1900 to 1910.</p> <p>Intent: Member shall complete all PMS as per the manufacturer's instructions. All stationary power tools shall be in good working condition or corrective actions taken for unserviceable tools (i.e.; frayed cords, unusual vibrations, cracked or damaged housings, smoked or burnt wiring smell, inoperable safety switches or guards). Member shall ensure all fences and guards are properly installed and operate according to the above references. Member is not required to make electrical repairs.</p>		
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<p>*4.03 Construct a woodworking project IAW Carpentry and Building Construction, and Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>.</p> <p>Intent: Given an illustration, sketch, plans, or an existing project to duplicate, the member shall construct a woodworking project as required by unit needs. The member must utilize hand, portable, and stationary power tools as necessary to construct, join, and finish a woodworking project. Wood selection, size, use of glass, type of hardware, stain, and sealer shall be at the discretion of the Supervisor. The project selected shall incorporate the following woodworking fundamentals: edge joining, mitering, ripping, cross cutting, sanding, shaping, the use of adhesives and or fasteners, and staining or sealing. The project shall be sound in construction, have an acceptable appearance, and may be free standing or wall mounted. Examples may include but are not limited to display cases, shelving units, or cabinets. The member shall review the MSDS applicable to selected stains and sealers prior to their use.</p> <p>*4.04 Repair an interior door IAW Carpentry and Building Construction and Manufacturer's Technical Instructions.</p> <p>Intent: Member shall perform repairs to residential interior or non-tight shipboard doors utilizing necessary hand and portable power tools. Repairs should include but are not limited to:</p> <ul style="list-style-type: none"> • Sticking or rubbing along one or more edges. • Door does not clear flooring. • Door springs open • Latches/locksets/closures need adjusting or replacement. <p>Upon completion of repairs the door and hardware shall operate smoothly, as intended by design and have an acceptable appearance.</p> <p>*5.01 Install an interior door IAW Carpentry and Building Construction and Manufacturer's Technical Instructions.</p> <p>Intent: Member must install a residential interior door. Installation should include but is not limited:</p> <ul style="list-style-type: none"> • Cutting and installing the doorframe and trim. • Installing hardware (Locksets, hinges, automatic closures). <p>Upon completion, the door must be level, plumb, open and close smoothly with all hardware operating as designed for intended use. Installation of a shipboard non-tight door or a residential pre-hung door also satisfies this performance qualification.</p>		
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<p>*5.02 Construct a wall IAW Carpentry and Building Construction.</p> <p>Intent: Member shall frame a wall utilizing standard wood framing materials. Construction shall include all of the following:</p> <ul style="list-style-type: none"> • Reading blueprints/sketches. • Laying-out and cutting materials to specifications. • Assembling the components of the wall. • Framing for a window or door opening. • Drywall (install) <p>Upon completion, the framed wall and components will be level and plumb, of sound construction, and fully functional for designed use.</p> <p>*5.03 Install trim work IAW Carpentry and Building Construction.</p> <p>Intent: Member shall utilize available tools and equipment to cut and install interior trim components to include but not limited to; baseboard, door, window, and crown molding. Installed trim will be free of gaps, firmly attached, and have an acceptable appearance.</p> <p>*6.01 Install asphalt shingles IAW Carpentry and Building Construction and Manufacturer's Technical Instructions.</p> <p>Intent: Member shall demonstrate the ability to evaluate the condition of an existing roof, determine the extent of any damage and perform repairs by one of the following methods:</p> <ul style="list-style-type: none"> • Replace damaged shingles. • Overlay existing roof with additional shingles. • Remove and replace all existing shingles. <p>Member will adhere to all safety precautions and personal protective equipment associated with roofing projects, in particular the use of ladders, scaffolding, and roof jacks. The installation of asphalt shingles for new roof construction satisfies the intent of the performance qual.</p> <p>*6.02 Prepare a detailed plan for a construction project IAW Carpentry and Building Construction.</p> <p>Intent: Member shall develop detailed plans for a construction project. Plans consist of a scaled drawing with a materials list. Plans shall include floor, wall, roof, and stair and handrail details as necessary. Member shall incorporate local building codes and acceptable industry practices in the plans. Examples of project plans can include but are not limited to: exterior decks, out buildings (sheds, garages, storage).</p>		
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<p>8.01 Inspect a structure IAW MLC Atlantic/Pacific Instructions; MLC (KSE) Safety and Environmental Health Checklists; and the Maintenance Assessment Guide for Coast Guard Housing, COMDTPUB 11101.21.</p> <p>Intent: Member shall use checklists provided in the above references to inspect Coast Guard owned housing or structures. Member shall use the results of the inspection to schedule/contract maintenance and to develop an SSMR file.</p> <p>C. CHEMICAL, BIOLOGICAL, AND RADIOLOGICAL (CBR) WARFARE DEFENSE</p> <p>4.01 Test for the presence of CBR contaminants IAW Naval Warfare Publication 3-20.31; Naval Ships' Technical Manual Chapters 470 and 070; Manufacturer's Technical Instructions, and Unit CBR Bill.</p> <p>Intent: In a simulated CBR environment the member will set up and operate unit CBR detection equipment to test for the presence of Chemical, Biological, and Radiological contaminants. Member must follow all safety precautions and procedures as outlined in the references, including proper donning of unit CBR personal protective equipment (PPE). Member shall demonstrate the procedures for performing gross surveys, detailed monitoring, and proper marking and isolation of contaminated areas in accordance with the above references.</p> <p>4.02 Perform personal self-aid for CBR contamination IAW Naval Warfare Publication 3-20.31; Naval Ships' Technical Manual Chapters 470 and 070; Manufacturer's Technical Instructions, and Unit CBR Bill.</p> <p>Intent: In a simulated CBR environment the member must recognize symptoms associated with exposure to CBR agents. The member shall select and administer (SIMULATED) the correct self-aid treatment, which may include the use of Atropine, 2 Pam Chloride, NAPP, and CANA.</p> <p>5.01 Decontaminate personnel and materiel IAW Naval Warfare Publication 3-20.31; Naval Ships' Technical Manual Chapters 470 and 070; Manufacturer's Technical Instructions, and Unit CBR Bill.</p> <p>Intent: In a simulated CBR environment, the member will set up and process personnel through a Contamination Control Area and Decontamination (CCA/Decon) station. Member will coordinate the procedures for simulated gross and detailed decontamination of unit materiel and equipment as outlined in the above references</p>		
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<p>D. COMPARTMENTATION</p> <p>4.01 Maintain watertight closures IAW TP2006, and NAVSEA web sites, http://www.navsea.navy.mil/03w/doorswi1.pdf, http://www.navsea.navy.mil/03w/closures.html</p> <p>Intent: Member shall inspect watertight closures for wear, ease of operation, seal (chalk test), and make necessary adjustments, repairs, and replacement of components to return closures to operable watertight condition.</p> <p>5.01 Verify material conditions of readiness IAW Naval Warfare Publication 3-20.31; Naval Engineering Manual, COMDTINST M9000.6 (series); Naval Ships' Technical Manual Chapter 079, Vol 2, and unit DC Closure Log.</p> <p>Intent: Member shall ensure the specified material conditions of readiness are properly set inport, during normal underway steaming, and during General Emergency & General Quarters. Member will review the unit's DC Closure Log for proper entries of fittings opened in violation of the prescribed material condition.</p> <p>5.02 Review Compartment Check-off Lists (CCOL's) IAW Naval Engineering Manual, COMDTINST M9000.6 (series) and Naval Ships' Technical Manual Chapter 079, Vol 2.</p> <p>Intent: Member shall verify unit CCOL's for format, verify compartment numbers, fitting numbers and classifications, the accessibility/location of CCOL. Member will ensure that CCOL's correspond with the unit DC plates and DC book, and submit changes and make corrections as appropriate.</p> <p>E. DAMAGE CONTROL</p> <p>4.01 Apply each of the following pipe patches to a low pressure piping system IAW Naval Ships' Technical Manual Chapter 079, Vol. 2, and Manufacturer's Technical Instructions.</p> <ul style="list-style-type: none"> • Soft patch • Synthoglass <p>Intent: Given simulated damage to low pressure piping systems and a pipe patching kit, the member shall demonstrate by action the procedures for applying each of the above pipe patches. Member must state the characteristics, limitations and safety precautions associated with each type of patch.</p>		
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<p>4.02 Fabricate each of the following types of shoring IAW Naval Ships' Technical Manual Chapter 079, Vol 2.</p> <ul style="list-style-type: none"> • Mechanical • Wood (I, H & K-type) <p>Intent: Given simulated damage, a shoring kit and shoring material, the member shall layout, cut, and erect each type of shoring as applicable for the imposed damage. Member must demonstrate the use of wedges, shoals, and strongbacks to construct shoring. Member shall state the limitations and characteristics for each type of shoring and the safety associated with erecting shoring.</p> <p>4.03 Dewater a space using portable pumps/eductors IAW Naval Ships' Technical Manual Chapter 079, Vol 2, and Manufacturer's Operating Instructions.</p> <p>Intent: Member shall demonstrate by action the ability to set up and operate portable dewatering pumps and eductors (portable and installed) assigned to their unit. Members shall state the characteristics, limitations, and safe-operating procedures associated with each pump/eductor. At a minimum the member shall set up and operate a P-100 and utilize a portable eductor.</p> <p>4.04 Apply each of the following plugs and patches to underwater hull damage IAW Naval Ships' Technical Manual 079, Vol 2.</p> <ul style="list-style-type: none"> • Box • Plate • Bucket • Plugs & Wedges • Rags, oakum <p>Intent: Given scenarios of simulated underwater hull damage and a plugging and patching kit, the member shall demonstrate by action the ability to make emergency repairs utilizing each of the plugs and patches listed above. Member shall state the characteristics, limitations, and improve alternatives with plugging and patching.</p>		
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<p>5.01 Restore a vital piping system (Firemain) by isolating & bypassing damage IAW Naval Ships' Technical Manual Chapter 555, Vol 1.</p> <p>Intent: Member shall demonstrate by action the ability to use DC plates to locate valves and isolate or bypass simulated damage to the minimum extent possible to a firemain system. Member will demonstrate by actions the procedures for rigging a temporary jumper between fire hose stations or by special jumper flanged connections to bypass a damaged section of firemain.</p> <p>F. FIREFIGHTING</p> <p>4.01 Extinguish each of the following classes of fire IAW Naval Ships' Technical Manual Chapter 555, Vol 1, Naval Warfare Publication 3.20-31, Naval Engineering Manual, COMDTINST M9000.6 (series), and unit specific Fire Doctrine.</p> <ul style="list-style-type: none"> • Alpha • Bravo • Charlie <p>Intent: Given simulated class A, B, and C fires the member shall demonstrate by action the appropriate procedures and use of equipment for extinguishing each class of fire. Member must demonstrate the donning and use of Personal Protective Equipment (PPE, OBA, SCBA, FFG) associated with fire fighting, selection of the appropriate extinguishing agent/s, fixed or portable, (AFFF, CO2, PKP, Halon, water), effective fire fighting techniques (initial action, accessing the space, reporting, advancing on the fire, fire containment, reflash watch). Member must demonstrate how to set and maintain smoke and fire boundaries.</p> <p>5.01 Perform post fire procedures IAW Naval Ships' Technical Manual Chapter 555, Vol 1; Naval Ships' Technical Manual Chapter 079, Vol 2; Naval Warfare Publication 3-20.31, and unit Fire Doctrine.</p> <p>Intent: Under simulated post fire conditions of a shipboard fire, the member shall perform the following post fire procedures for Class A, B, and C fires as outlined in the above references:</p> <p>Overhaul: Check for all possible areas of fire spread; incorporate the use of thermal imaging equipment to trace hidden fires and hot spots.</p> <p>Post-Fire Desmoking: Desmoke using natural, portable, or installed ventilation.</p> <p>Atmospheric Testing: Use unit's atmospheric testing equipment, test for the presence of oxygen, combustibles, and toxins.</p> <p>Dewatering: Use unit portable and/or installed dewatering equipment to remove firefighting water from the space.</p>		
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<p>6.01 Manage the unit fire prevention program IAW (Afloat) Naval Ships' Technical Manual Chapter 555, Vol 1; Naval Ships' Technical Manual Chapter 079, Vol 2; Naval Ships' Technical Manual Chapter 670; Naval Ships' Technical Manual Chapter 074 Vol 1 and 3; Naval Warfare Publication 3-20.31, and unit instructions. (Shore): Safety & Environmental Health Manual, COMDTINST M5100.47 (series).</p> <p>Intent: Member shall coordinate unit familiarization training with local fire departments, ensure MOU with fire department is on file and current; perform unit inspections to ensure good housekeeping and proper stowage of Hazmat and Hazwaste. Inspect ready fire fighting equipment (extinguishers and hose stations). Ensure safe hot work procedures are followed and general fire prevention awareness exists throughout the unit.</p> <p>G. PLUMBING</p> <p>*4.01 Repair piping systems IAW Naval Ships Technical Manual Chapter 505, Modern Plumbing, and Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>.</p> <p>Intent: Given an actual or simulated damaged/deteriorated section of pipe, the member shall remove and replace the affected section of pipe. The member shall demonstrate by action the ability to join PVC (solvent weld), black iron (thread), or copper (solder) piping. Upon the completion of repairs, the system must operate as designed without leaks and returned to original condition. Demonstration of simulated repairs in a shop setting will satisfy the intent of this performance qual. The task must include cutting and assembling several sections of piping and fittings to predetermined dimensions using the methods stated above.</p> <p>*4.02 Repair conventional toilets, urinals, sinks, and shower fixtures IAW Modern Plumbing, and Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>.</p> <p>Intent: Given an actual or simulated malfunctioning fixture, the member shall demonstrate by actions the ability to disassemble, inspect, diagnose, and replace worn or damaged components of one or more of the above plumbing fixtures. Upon completion the fixture will operate as designed.</p>		
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<p>*4.03 Clear (Unclog) drain, waste and vent (DWV) pipes IAW Modern Plumbing, Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>, and Manufacturer's Technical Instructions.</p> <p>Intent: Member shall demonstrate by action the operation of drain clearing tools (snake, plunger, water ram, and auger). Member must demonstrate the use of blue prints to determine the location of and access to a clog in a piping system.</p> <p>5.01 Install appliances IAW Modern Plumbing, Manufacturer's Technical Instructions, Equipment Tag-Out Procedures, COMDTINST 9077.1 (series), and Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>.</p> <p>Intent: Member shall install at least one of the following appliances as applicable to their unit: Garbage disposal, Hot Water Heater (gas or electric), Dishwasher, or Ice Maker. Member must install associated supply, drain, waste, and vent piping and tubing as required. Member must demonstrate by action the appropriate electrical and gas safety procedures associated with installing appliances (Lockout/Tag out).</p> <p>5.02 Repair vacuum flush toilets and urinals IAW Manufacturer's Technical Instructions.</p> <p>Intent: Member must diagnose symptoms of a malfunctioning vacuum flush assembly, replace/repair defective components and return the fixture to full operation.</p> <p>*5.03 Install plumbing fixtures IAW Modern Plumbing, Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>, and Manufacturer's Technical Instructions.</p> <p>Intent: Member will install at least one of the following fixtures as applicable at their unit: sink, toilet, urinal, or shower. Member must make connections to supply, drain, waste, and vent piping as required by local codes and acceptable industry practices. Upon completion, the fixtures will be securely installed at the appropriate level, fully functional, and have an acceptable appearance.</p> <p>*7.01 Design the renovation or new installation of a piping system IAW Naval Ships Technical Manual Chapter 505, Modern Plumbing, Reader's Digest, <i>New Complete Do-It-Yourself Manual</i>.</p> <p>Intent: Given a plumbing renovation or new installation project for a piping system, the member shall design an efficient plumbing system that will conserve materials, is easily serviced, and of adequate size for supply and drainage. Member shall select the appropriate materials, fittings, and fixtures to ensure system design meets end use requirements. Local codes shall be researched and implemented into the design as required.</p>		
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<p>H. WELDING & CUTTING</p> <p>*4.01 Repair a piping system using silver brazing process IAW Modern Plumbing, Naval Ships' Technical Manual Chapter 074 Vol 1 & 3, Naval Ships Technical Manual Chapter 505, and Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series).</p> <p>Intent: The member must demonstrate by action the ability to silver braze pipe, fittings, and filler metals, determine the correct solders and fluxes required. Member shall inspect and set up oxy-fuel equipment associated with silver brazing. Demonstrate the proper use of Personal Protective Equipment (PPE) and associated hot work safety procedures. Simulated repairs in a shop setting will satisfy the intent of this performance qual. The member must be tasked with cutting and assembling several sections of piping and fittings to predetermined dimensions.</p> <p>*4.02 Cut mild steel using oxy-fuel equipment for the following tasks IAW Naval Ships' Technical Manual Chapter 074, Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), Naval Engineering Manual, COMDTINST M9000.6 (series), and Modern Welding.</p> <ul style="list-style-type: none"> • Remove Components • Fabrication <p>Intent: Member shall demonstrate by action the ability to remove existing mild steel components (i.e. brackets, hardware, pad eyes) from decks, bulkheads, or overheads. The member must also demonstrate the skills to cut mild steel (i.e. mild steel plating, channel iron, I-beam, or angle iron) for project fabrication. The member shall demonstrate proper equipment set up and selection for various cutting applications, equipment maintenance, safe hot work procedures, and personal protective equipment associated with oxy-fuel equipment and cutting.</p>		
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<p>*4.03 Cut metal using plasma equipment for the following tasks IAW Naval Ships' Technical Manual Chapter 074 Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), Naval Engineering Manual, COMDTINST M9000.6 (series), and Modern Welding.</p> <ul style="list-style-type: none"> • Remove Components • Fabrication <p>Intent: Member shall demonstrate the skills with plasma equipment to remove metal components (i.e. brackets, hardware, pad eyes) from decks, bulkheads, or overheads and cut various metals for project fabrication. The member shall demonstrate proper equipment set up and site preparations for various cutting applications, equipment maintenance, safe hot work procedures, and personal protective equipment associated with plasma cutting.</p> <p>*4.04 Assemble mild and stainless steel projects using the shielded metal arc-welding (SMAW) process IAW Naval Ships' Technical Manual Chapter 074 Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), and Modern Welding.</p> <p>Intent: Member shall demonstrate by action the ability to weld (join) mild steel in all four positions (flat, horizontal, vertical, and overhead), and stainless steel in the flat position only. The member shall demonstrate proper equipment set up and site preparations for various SMAW applications, correct filler metal selection, equipment maintenance, safe hot work procedures, and personal protective equipment associated with SMAW equipment.</p> <p>Projects may include, but are not limited to:</p> <ul style="list-style-type: none"> • New fabrication (i.e.: brackets, shelving/storage units) • Minor structural repairs • Hull repairs above waterline • Handrail and stanchion replacements/fabrication • Stainless steel shoulder pins (water tight door) <p>Welding horizontal pipe that is not rotated satisfies flat, vertical, and overhead positions.</p>		
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<p>*5.01 Inspect welds using non-destructive testing (NDT) methods IAW Naval Ships' Technical Manual 074, Vol 1, 2, and 3; and Modern Welding.</p> <p>Intent: Member shall perform one or more of the listed NDT methods as applicable with unit resources.</p> <ul style="list-style-type: none"> • Visual Inspection • Penetrant Testing • Magnetic Particle <p>Upon completion, member shall identify weld defects, causes, and recommend corrective actions to eliminate weld defects.</p> <p>6.01 Fabricate stainless steel projects using the gas tungsten arc-welding (GTAW) process IAW Naval Ships' Technical Manual Chapter 074 Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), Modern Welding.</p> <p>Intent: Member shall demonstrate by action the ability to use the GTAW process to weld (join) stainless steel (flat position only) for project fabrication. The member shall demonstrate proper equipment set up and site preparations for stainless steel GTAW applications, equipment maintenance, safe hot work procedures, and personal protective equipment associated with the GTAW process.</p> <p>6.02 Fabricate mild steel projects using the gas metal arc-welding (GMAW) process IAW Naval Ships' Technical Manual Chapter 074 Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), Modern Welding.</p> <p>Intent: Member shall demonstrate by action the ability to use the GMAW process to weld (join) mild steel in all four positions (flat, horizontal, vertical, and overhead), for project fabrication. The member shall demonstrate proper equipment set up and site preparations for mild steel GMAW applications, equipment maintenance, safe hot work procedures, and personal protective equipment associated with the GMAW process.</p> <p>Welding horizontal pipe that is not rotated incorporates flat, vertical, and overhead positions.</p>		
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<p>6.03 Replace mild steel watertight fittings using shielded metal arc welding (SMAW) IAW Naval Ships' Technical Manual Chapter 074 Vol 1 and 3, Technical Guide: Practices for Respiratory Protection, COMDTINST M6260.2 (series), Modern Welding, and NAVSEA Websites;</p> <p>http://www.navsea.navy.mil/03w/doorswi1.pdf, http://www.navsea.navy.mil/03w/closures.html</p> <p>Intent: Member shall remove existing fitting, prepare surface area, and install new fitting using the SMAW process. Fitting to be replaced may be a WT door, hatch, or scuttle. Site preparation shall involve surface area to be welded, hot work procedures and personnel protection. Upon completion, fitting should pass necessary non-destructive test and operate smoothly.</p> <p>GLOSSARY</p> <p>APPLY: To put on.</p> <p>CLEAR: To free from obstruction (Open).</p> <p>CONSTRUCT: To assemble (welding, plumbing, or carpentry) materials and components of a project.</p> <p>CUT: To divide material to a determined size or shape for use in repairs or construction or to remove material from a structure.</p> <p>DECONTAMINATE: To remove or neutralize CBR contamination.</p> <p>DESIGN: To plan by making preliminary sketch, outline, or drawing.</p> <p>DEWATER: To remove water from a shipboard compartment.</p> <p>EXTINGUISH: To put out.</p> <p>FABRICATE: To design, layout, cut, and assemble a repair or construction of a project.</p> <p>INSPECT: Examine, test, measure, or evaluate spaces or equipment for installation, operation, and performance in accordance with established industry standards, specifications, drawings, technical manuals, directives, policies, or other requirements.</p> <p>INSTALL: To place a new component in position for service or use. (i.e. windows, doors, floorings, roof coverings, plumbing fixtures, and appliances.)</p> <p>MAINTAIN: To preserve, fix, or keep in good repair and working order.</p> <p>MANAGE: To handle or direct with a degree of skill or specialized knowledge. To exercise executive, administrative, and supervisory direction.</p>		
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RATING: DAMAGE CONTROLMAN	INIT	DATE
<p>PPE: Personal Protective Equipment</p> <p>PERFORM: To begin and carry out through completion.</p> <p>PREPARE: Plan, gather, and assemble information to produce a document (i.e., forms and schedules).</p> <p>REPAIR: To restore to serviceable condition.</p> <p>REPLACE: To remove an existing item and substitute a new or workable item.</p> <p>RESTORE: To put back into use, service, or return to original condition</p> <p>REVIEW: To examine a document or process for accuracy in content and/or format and report errors or updates to the author or controlling authority</p> <p>SCHEDULE: To develop a plan, based on time, for allocating resources, people and equipment, and scheduling deadline to accomplish assigned tasks.</p> <p>SUBMIT: To prepare a report or form following a defined process and forwarding to the prescribed authority.</p> <p>TEST: To check for the presence, type, and location of contaminants.</p> <p>VERIFY: To confirm or establish the accuracy of.</p> <p>SUGGESTED MATERIAL FOR DC REFERENCE LIBRARY.</p> <p>Damage Controlman Third, Second, and First class correspondence courses.</p> <p>Carpentry and Building Construction – Glencoe/McGraw-Hill, Phone 1-800-334-7344 or 972-224-1111.</p> <p>Modern Welding – Goodheart-Wilcox Co., Phone 1-800-323-0440 or 708-687-5000.</p> <p>Modern Plumbing - Goodheart-Wilcox Co., phone 1-800-323-0440 or 708-687-5000.</p> <p>Reader's Digest, New Complete Do-It-Yourself Manual, ISBN 0-89577-378-3</p> <p>The use of the Internet to research building, plumbing, and welding codes is highly encouraged. There are numerous web sites that provide guidance for acceptable building, construction, plumbing, and welding industry practices. MLCLANT/PAC, your servicing CEU, Afloat Training Groups, and Area Training Teams are also excellent sources of information for Damage Control related information.</p>		
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